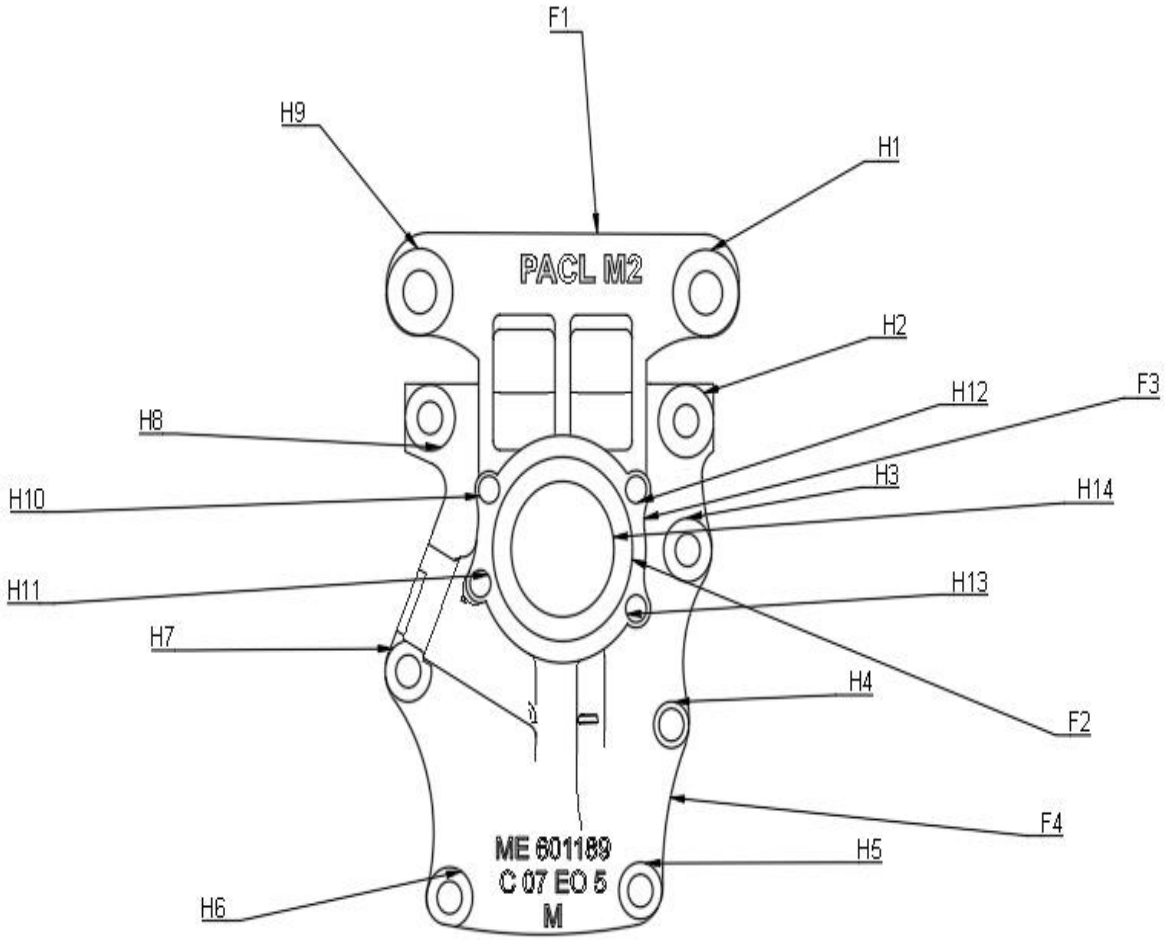
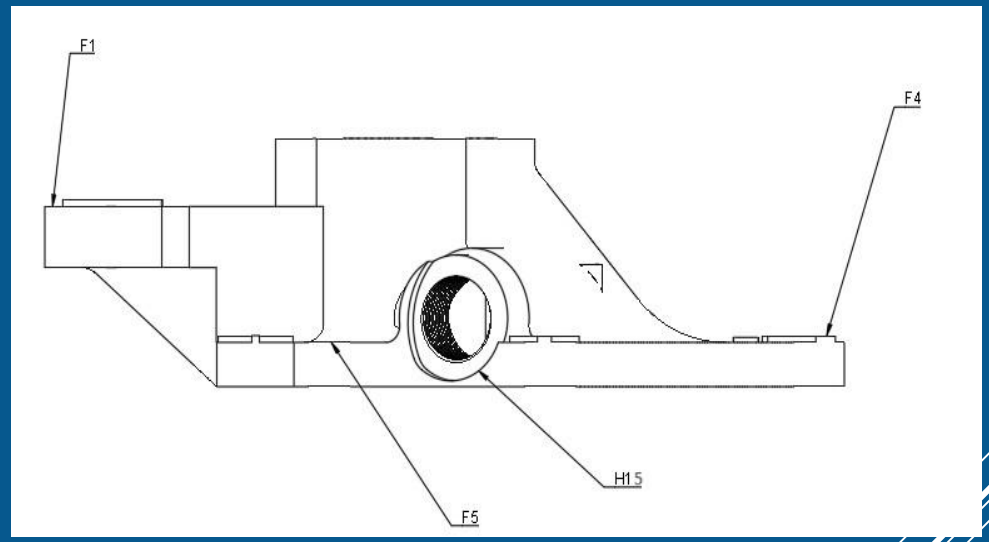
Component no. 16 : Gearbox Side Plate

RACHIT AGRAWAL 21003059
RAJNESH MEENA 210003061
RAMAVATH RANJITH NAIK 210003062



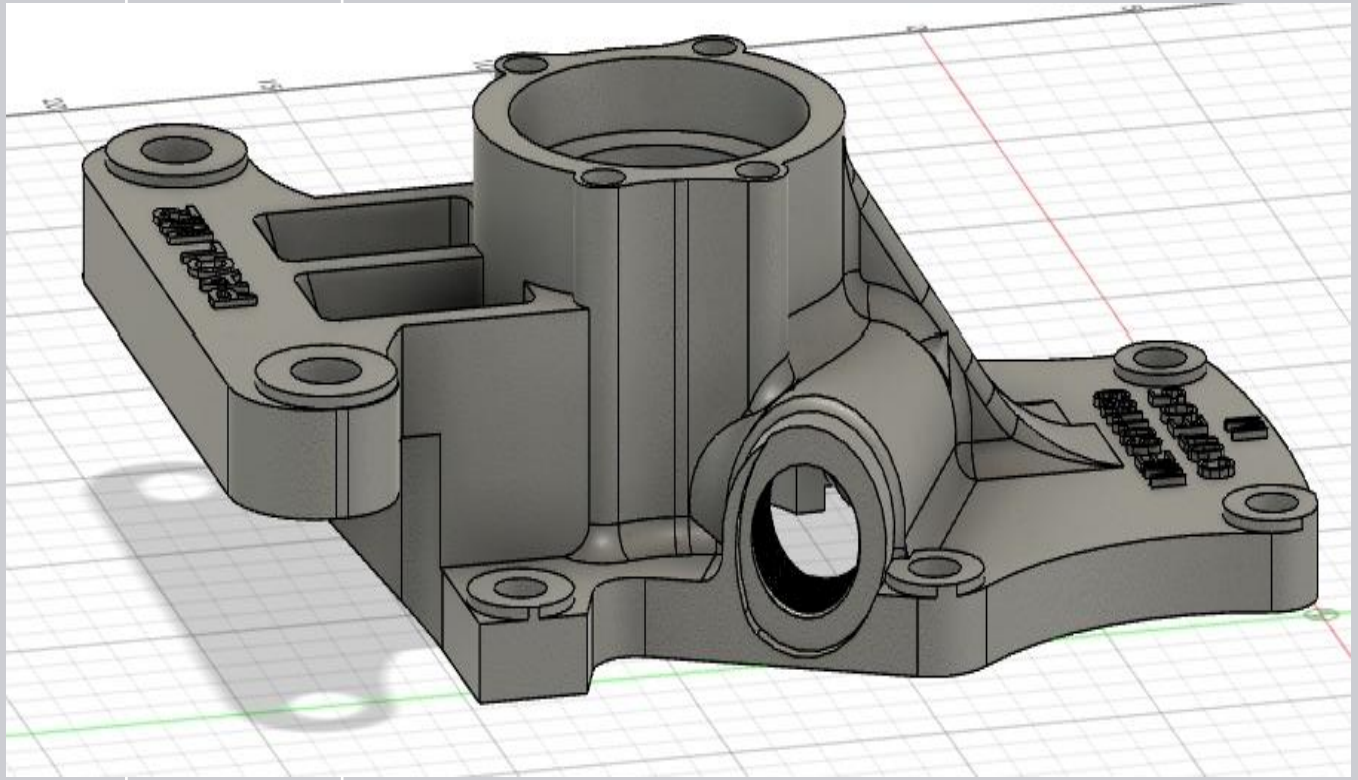


F1 : Face 1
F2 : Face 2
F3 : Face 3
F4 : Face 4
F5 : Face 5

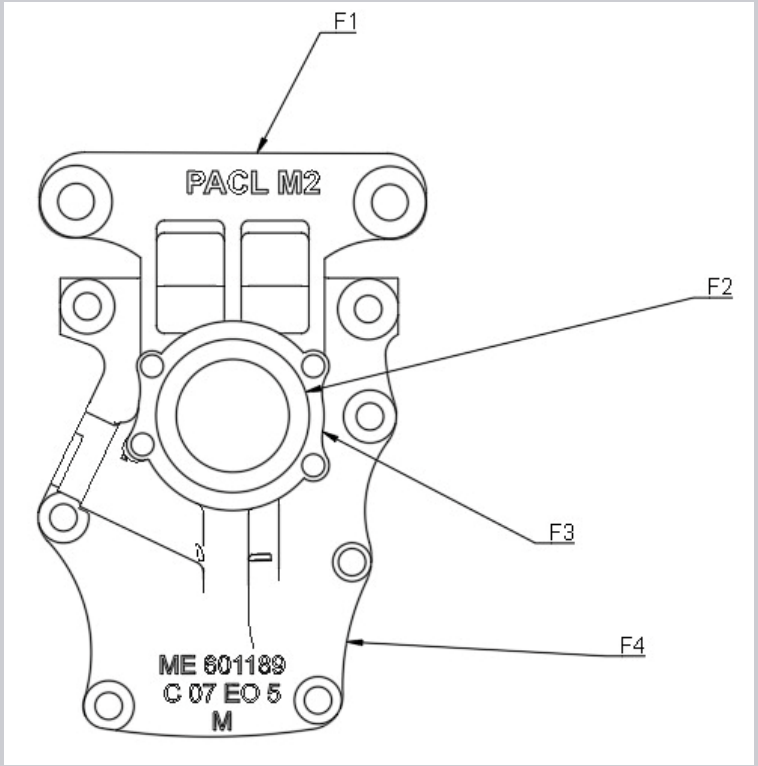
H for Holes

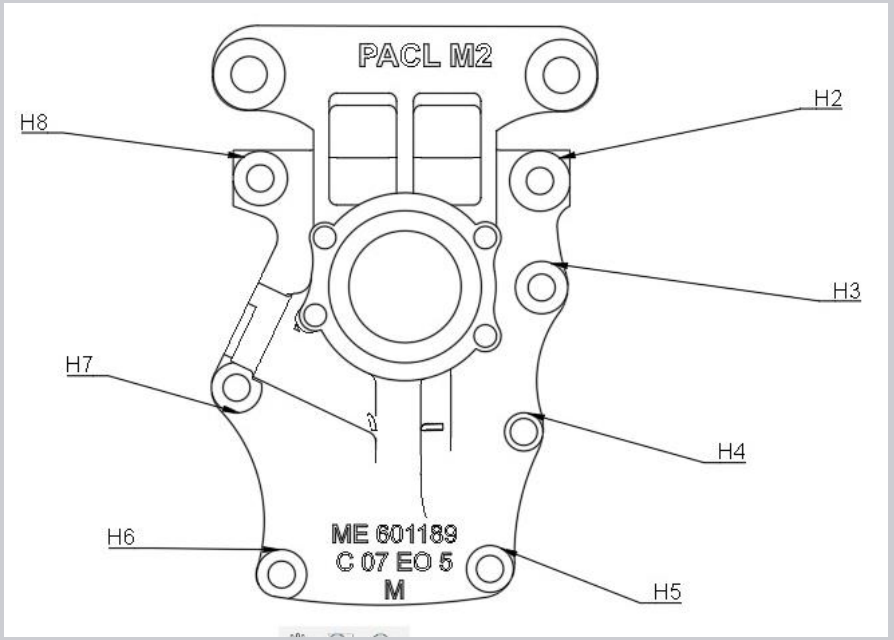
Process Sheet

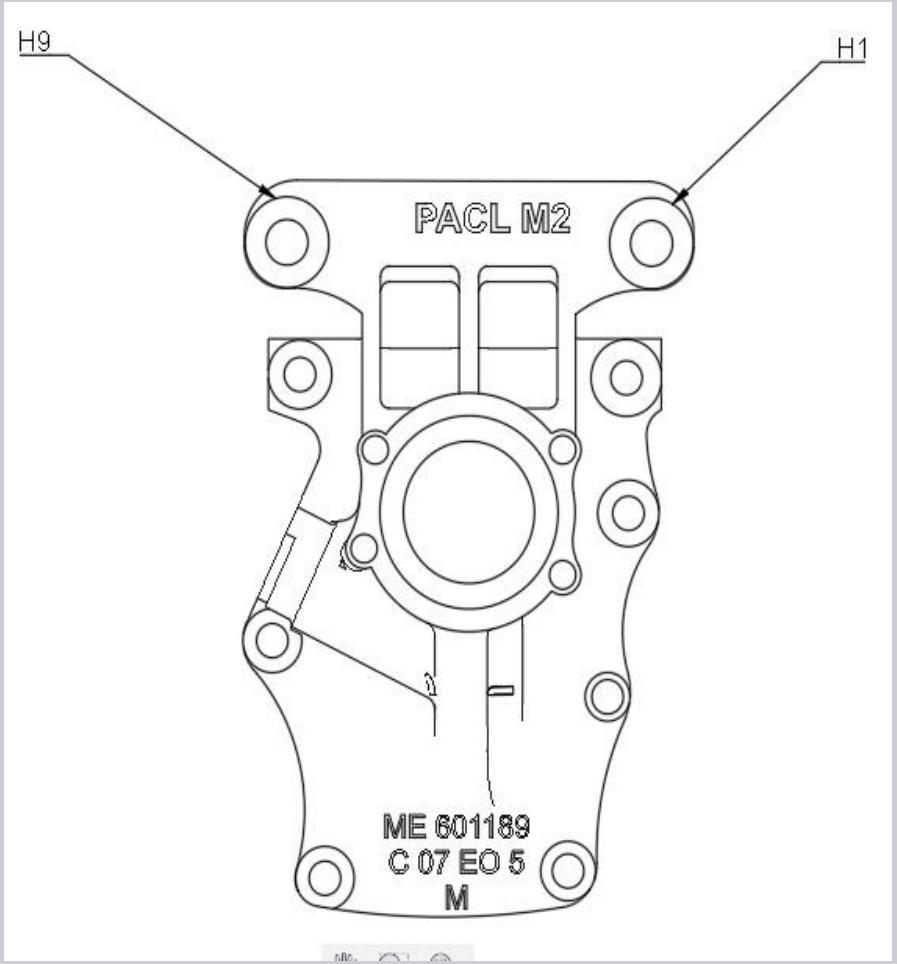
S.no.	Description	Machine		
0.	Basic Structure Made through Casting	Casting Setup and Cast Iron		

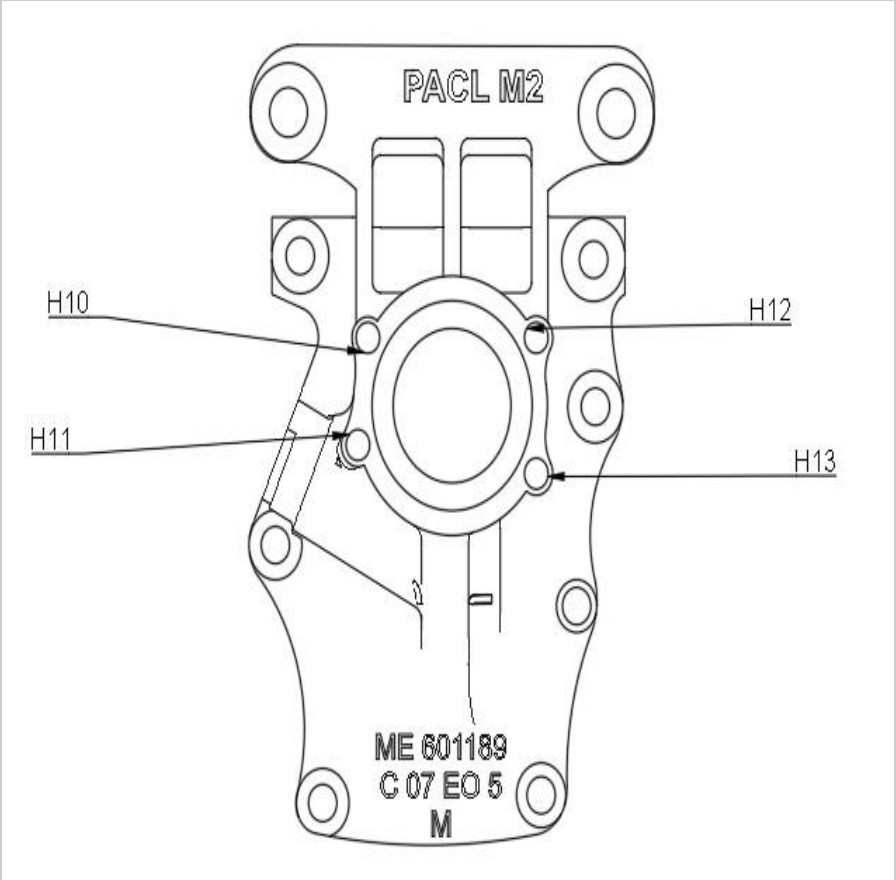


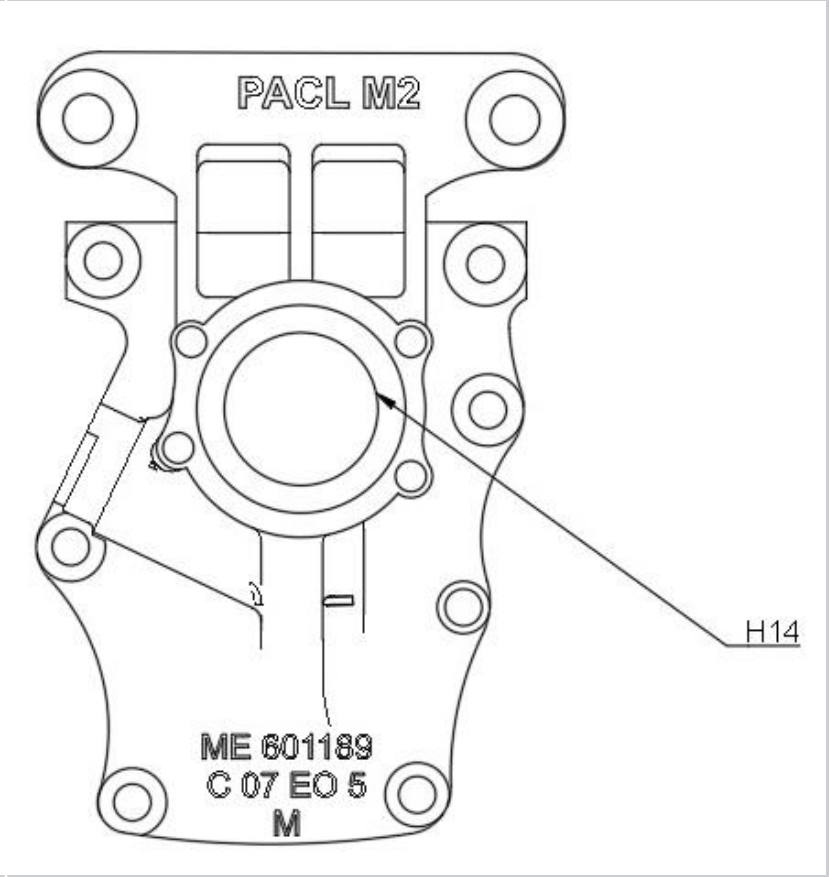
Process Sheet

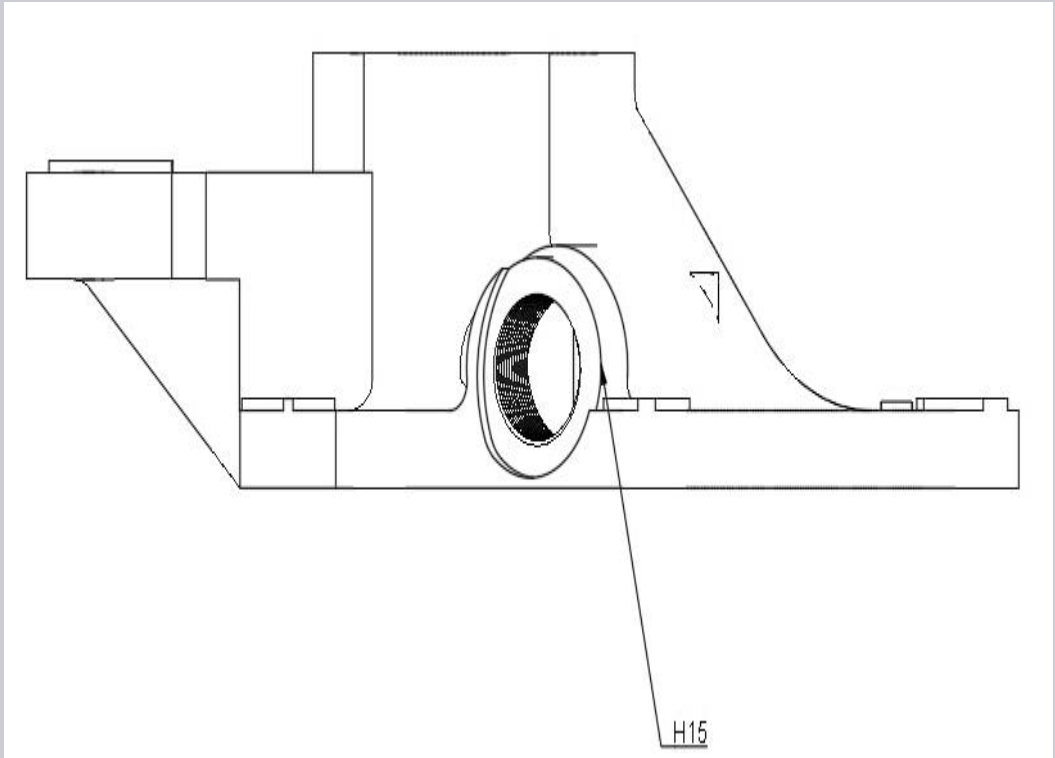
S.no.	Part	Machine	Tool	Location	Fixture
1.	F1, F2, F3 , F4	Horizontal milling & Filing	WC (Tungsten Carbide)		Bench vise

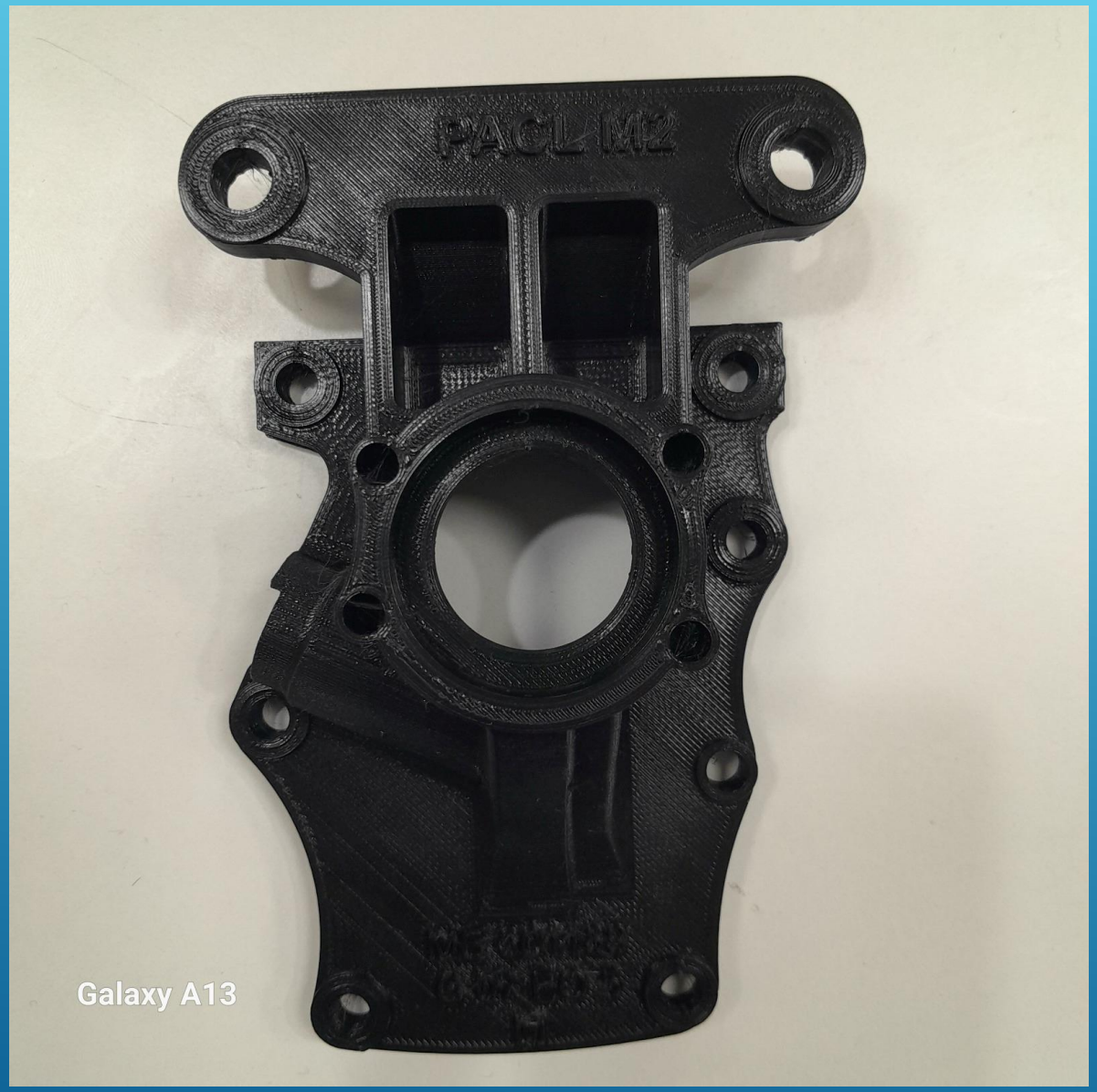
S.no.	Description	Machine	Tool	Location	Diameter
2.	H2, H3,H4, H5, H6, H7, H8 (Through and through holes)	Radial Drilling	Drill bits Tungsten Carbide		27.02 mm

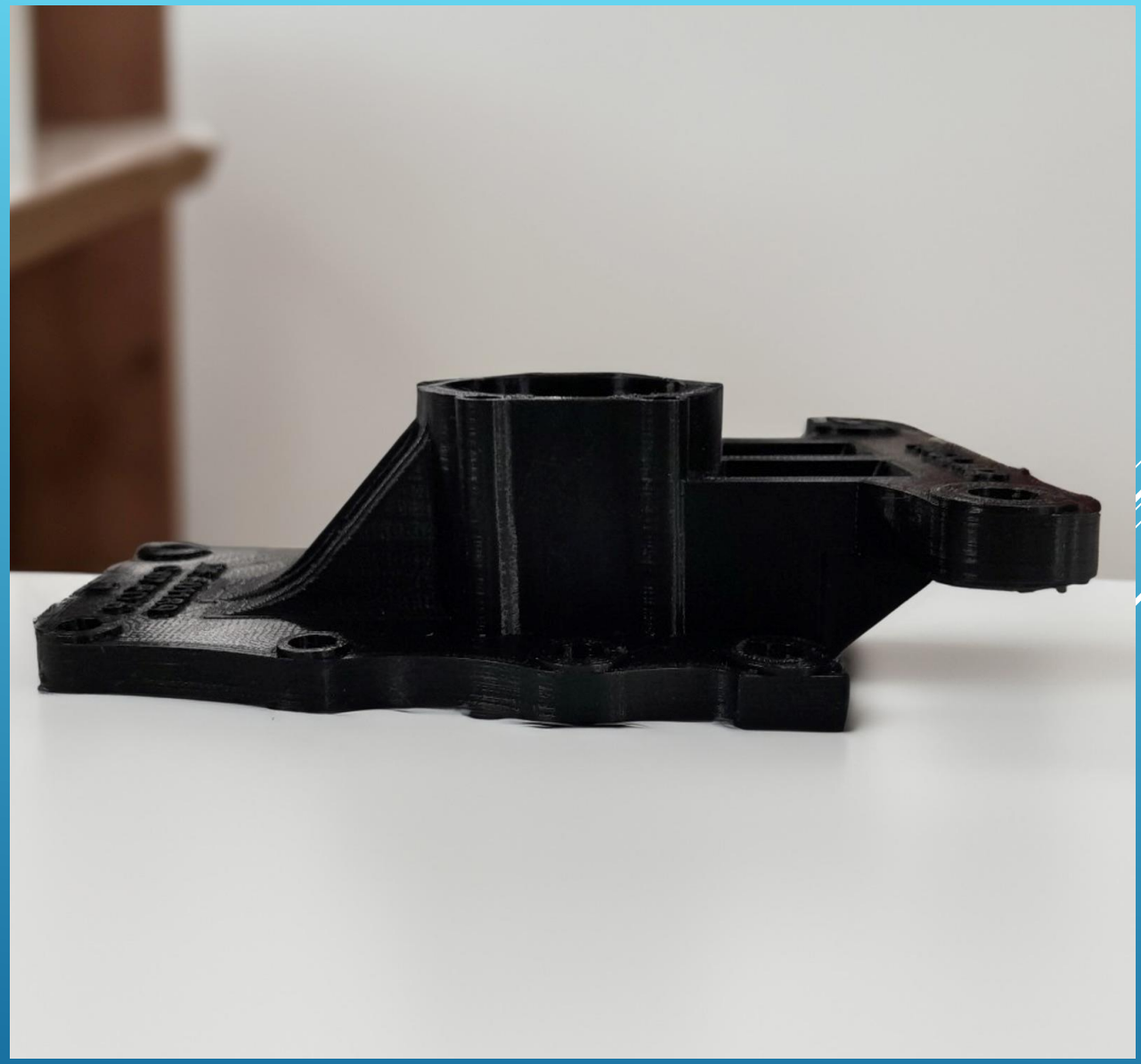
S.no.	Part	Machine	Tool	Location	Diameter
3.	H1, H9	Radial Drilling machine & Vertical Boring Machine	Drill bits and end milling cutters WC (Tungsten Carbide)		32mm

S.no.	Part	Machine	Tool	Location	Hole Diameter
4.	H10, H11, H12, H13	Radial Drilling machine and vertical boring machine Depth – 25 mm	Drill bits and end milling cutters WC (Tungsten Carbide)		10mm

S.no.	Description	Machine	Tool	Location	Fixture
5	H14	Core and Casting Then Boring	Drill bits and end milling cutters WC (Tungsten Carbide)		Bench Vise

S.no.	Description	Machine/ Process	Tool	Location	Dimension
6	H15	Radial Drilling machine, vertical boring & Internal Threading	Drill bits and end milling cutters WC (Tungsten Carbide)		34mm


PACL M2
Galaxy A13




Adobe Firefly

Thank You !